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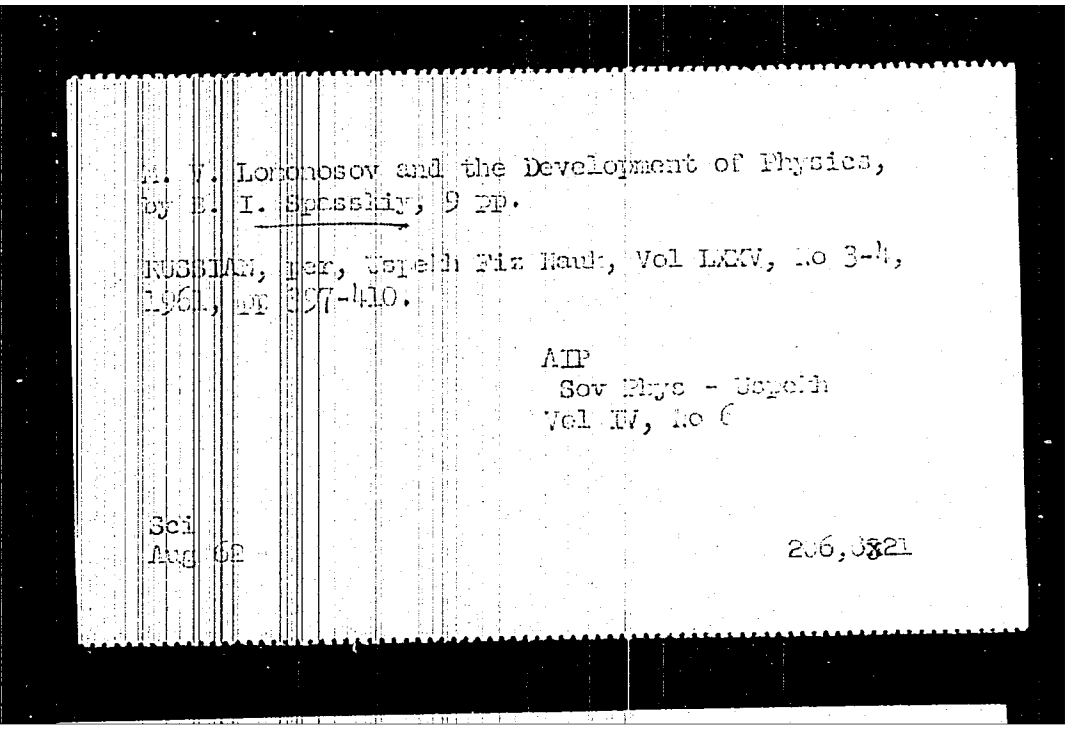

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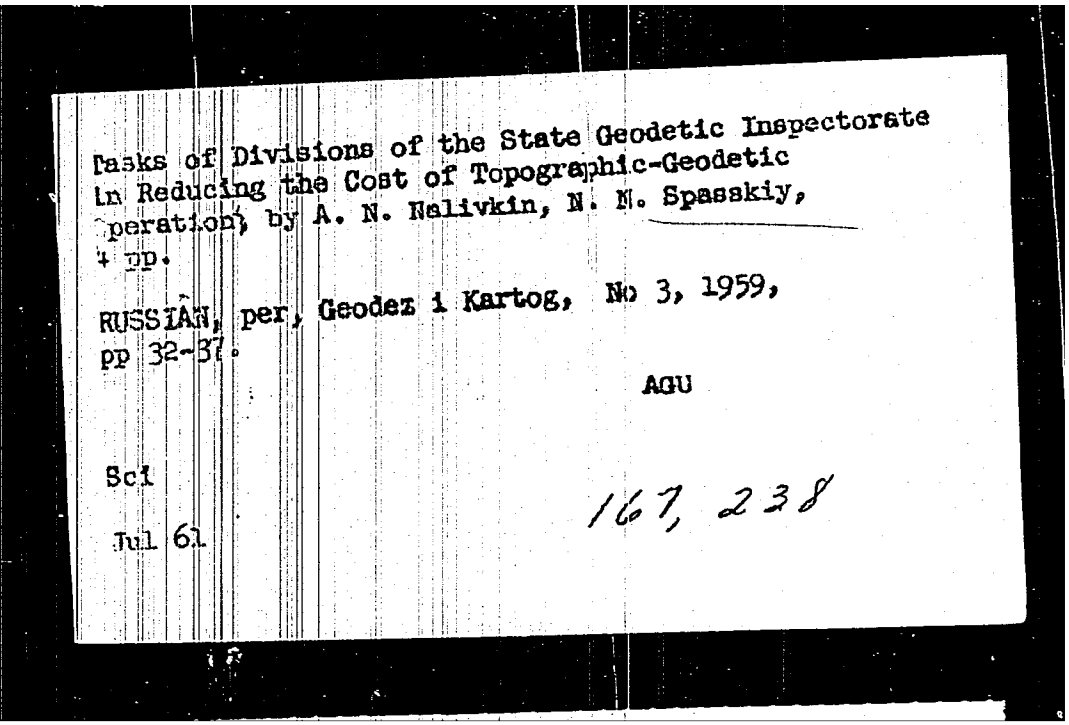

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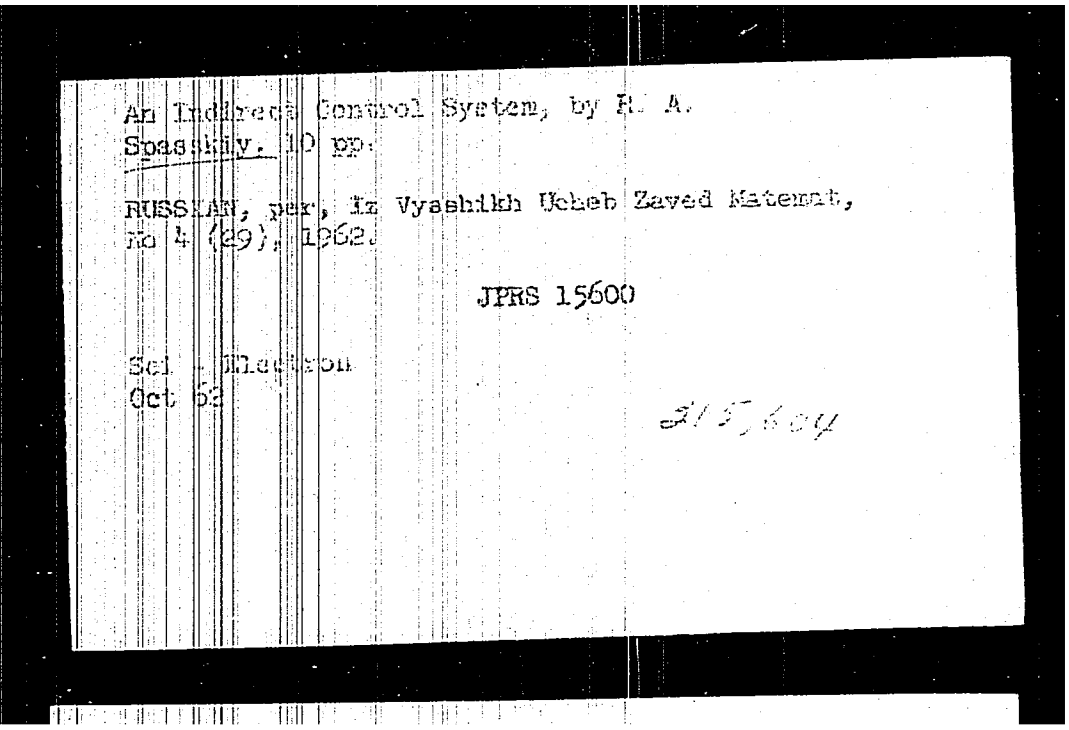

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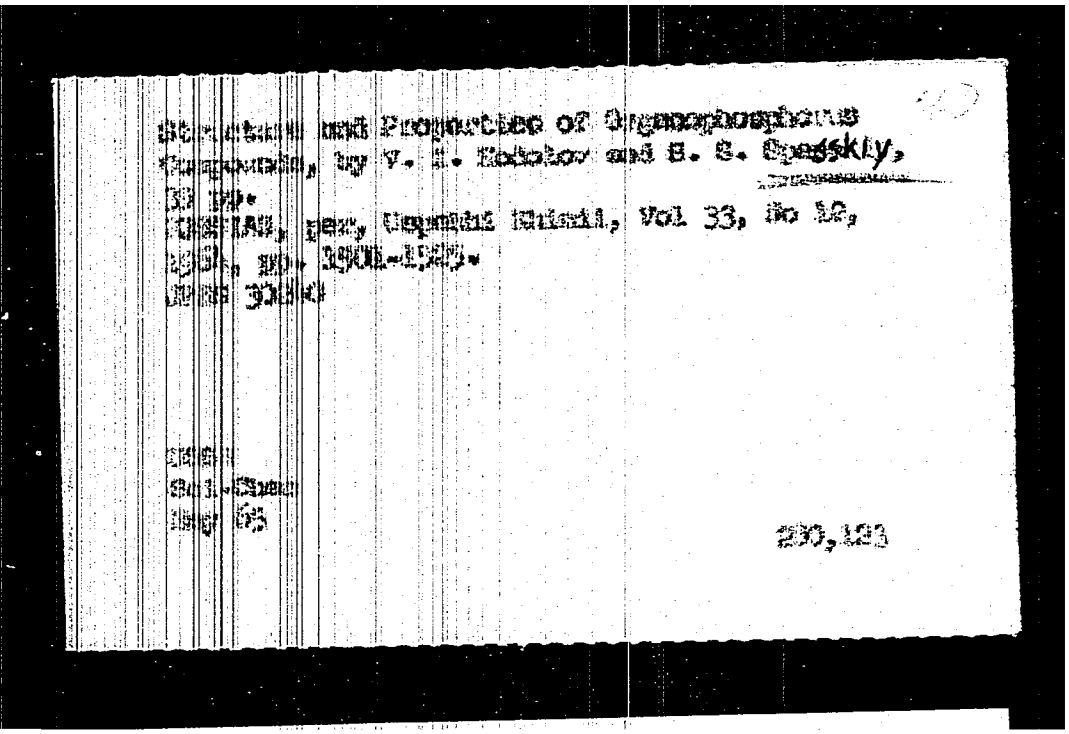

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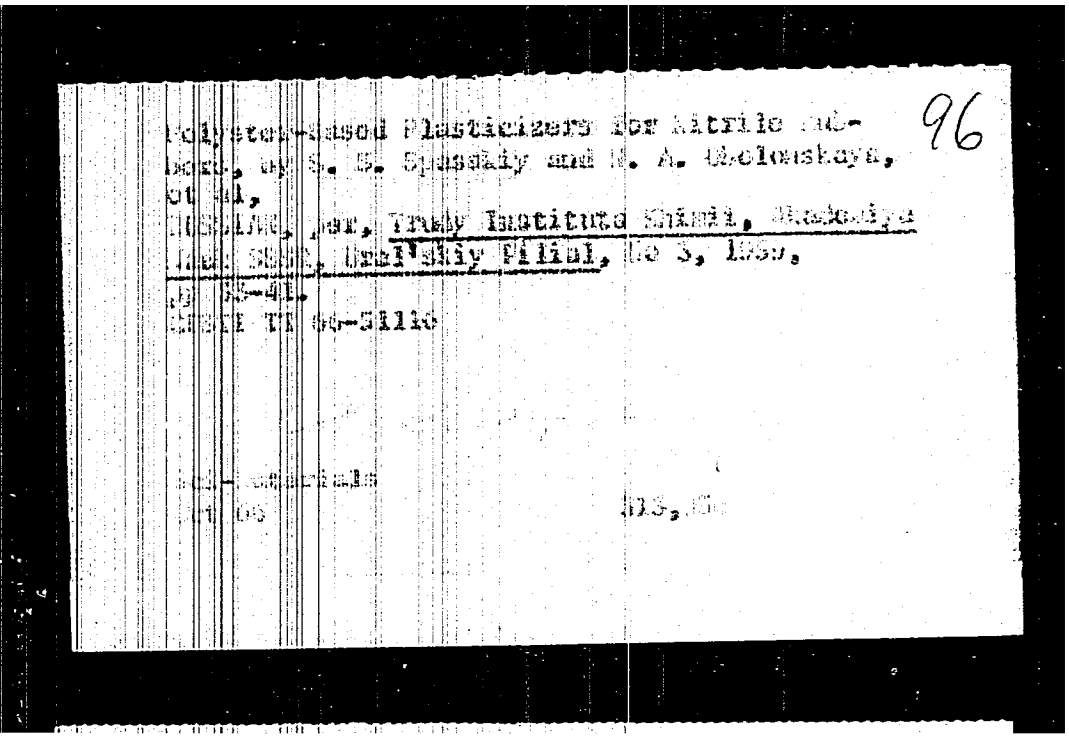

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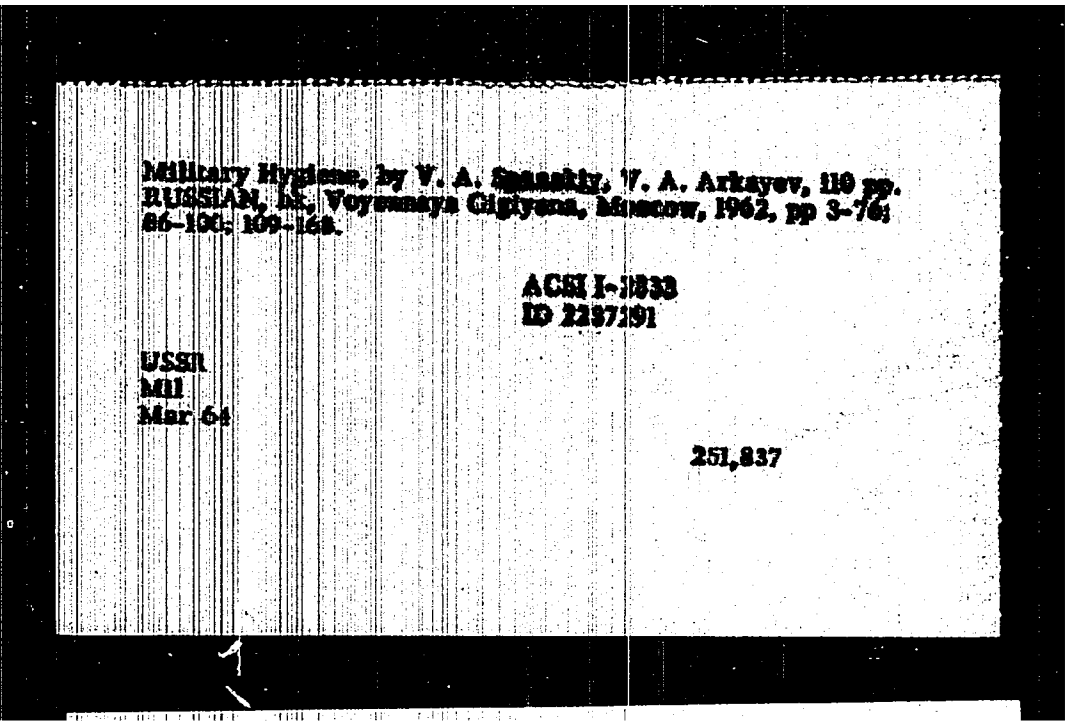

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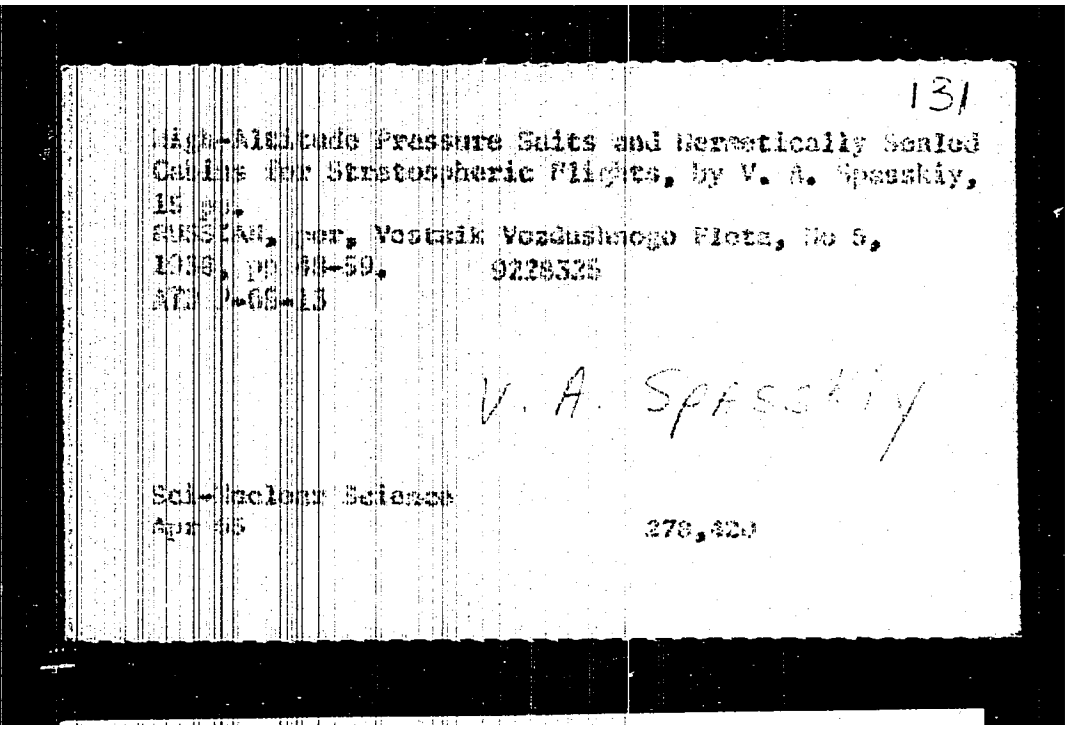

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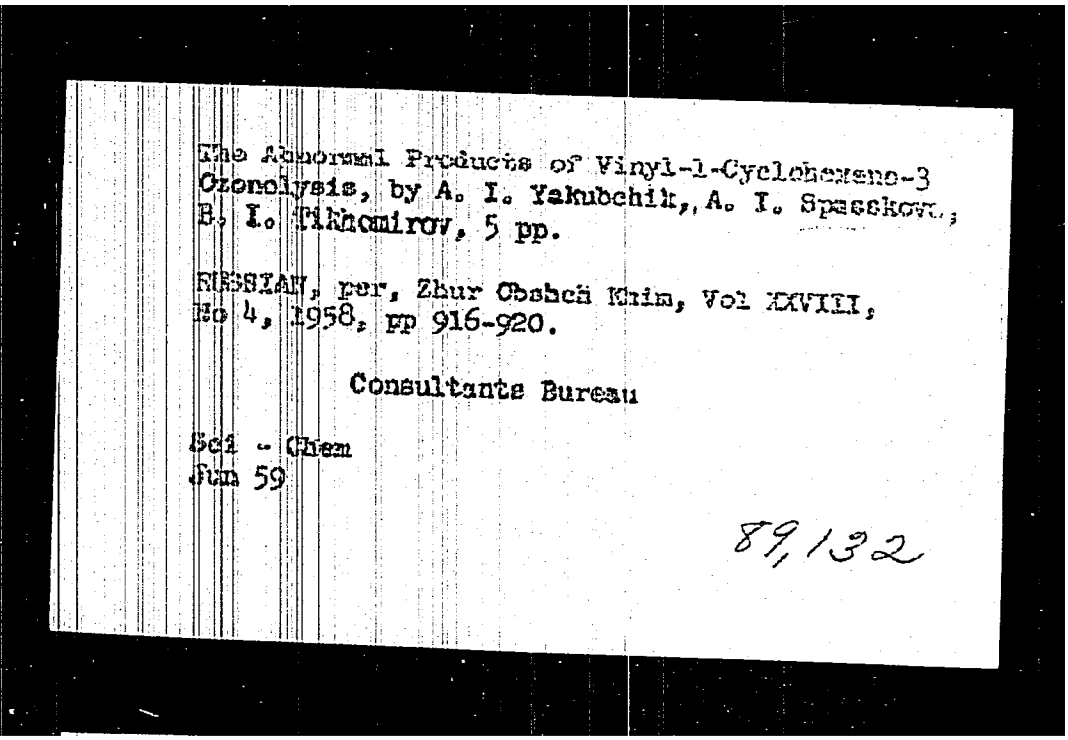

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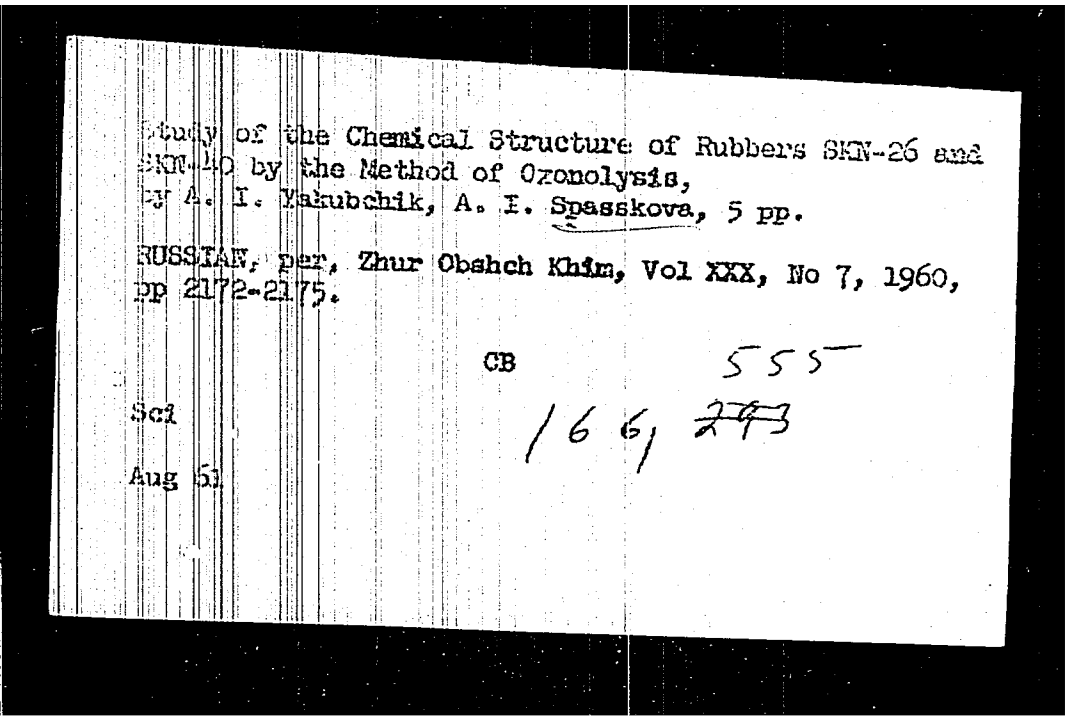

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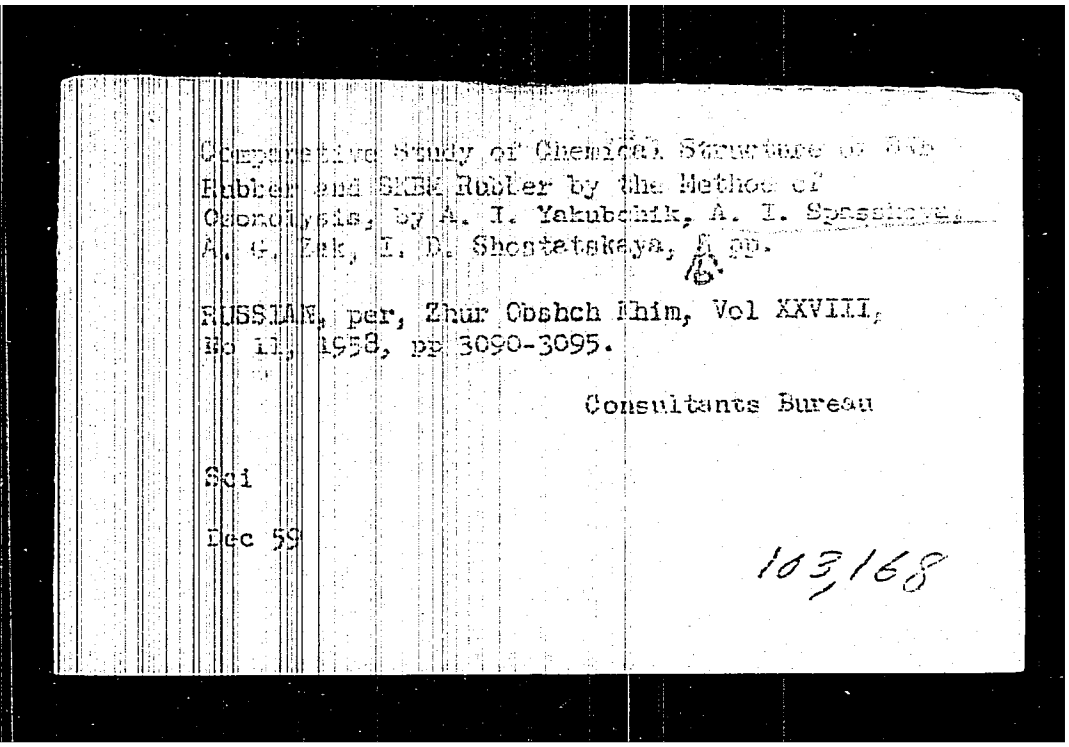

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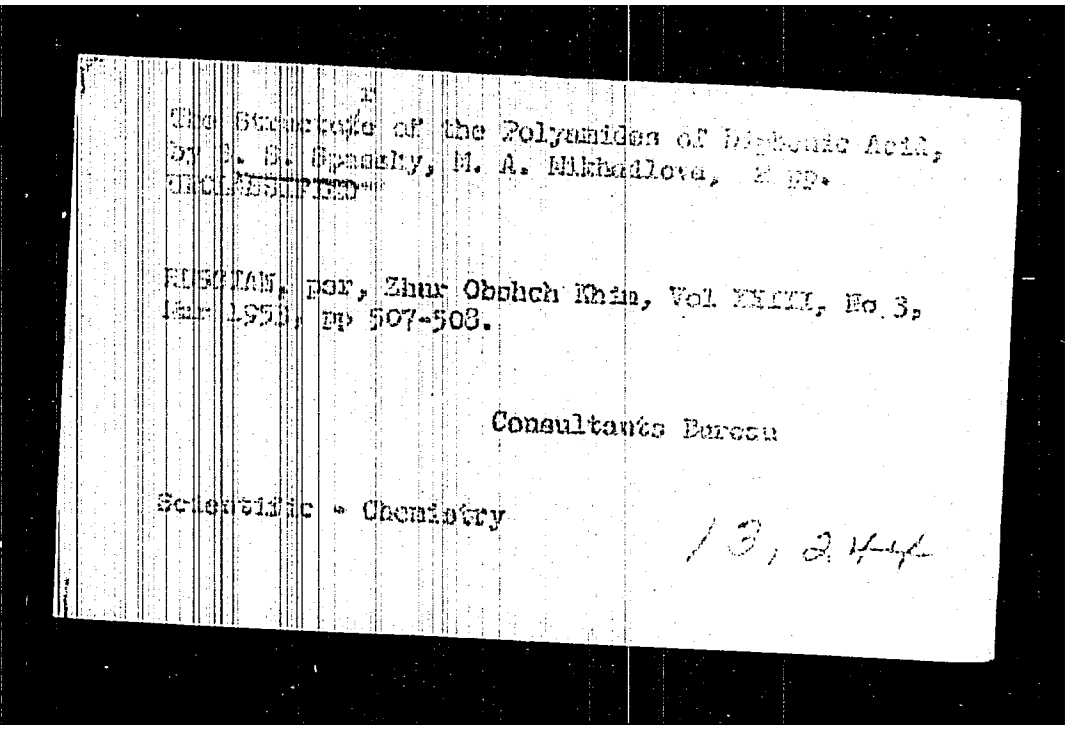

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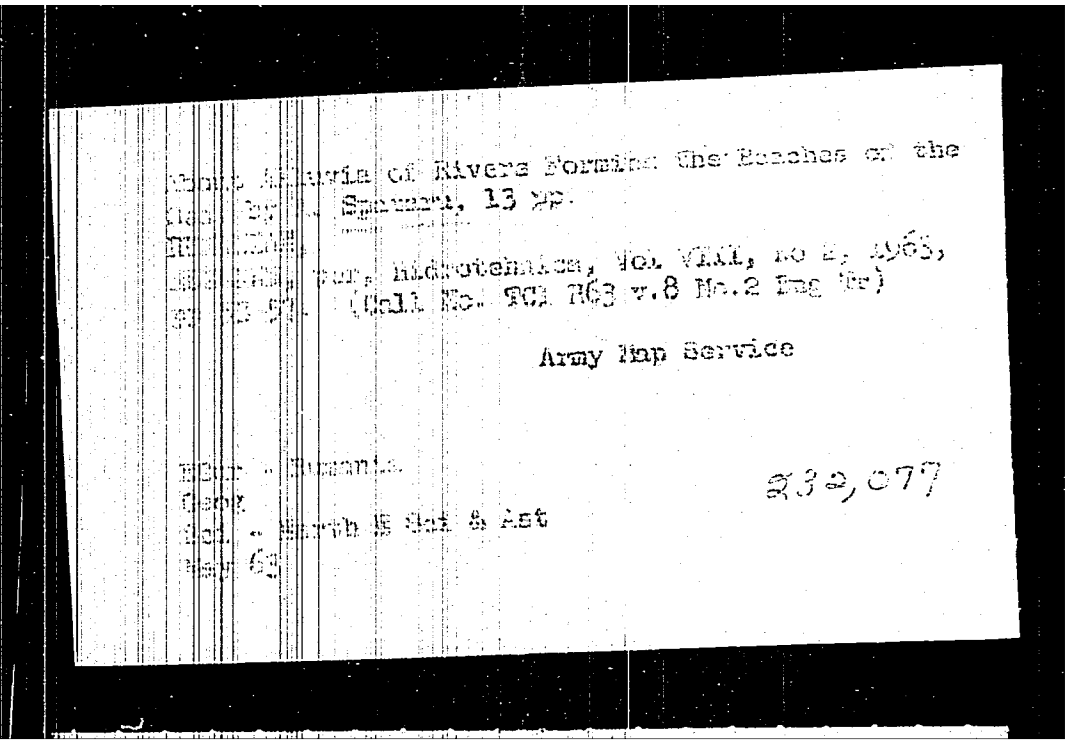

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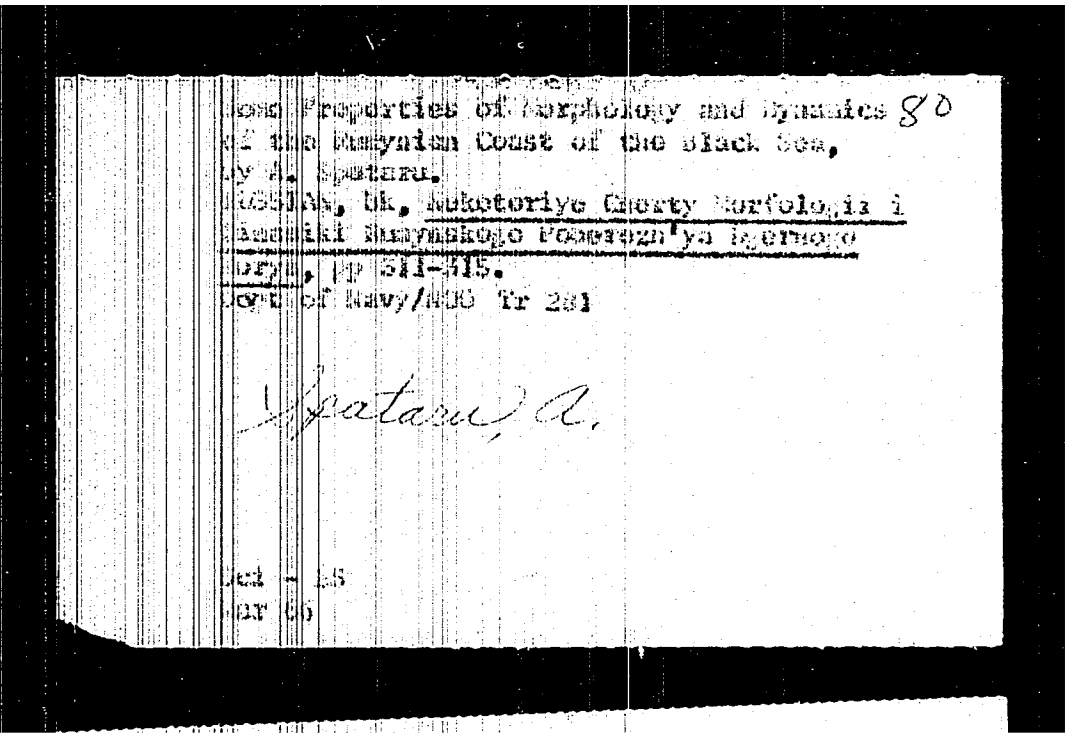

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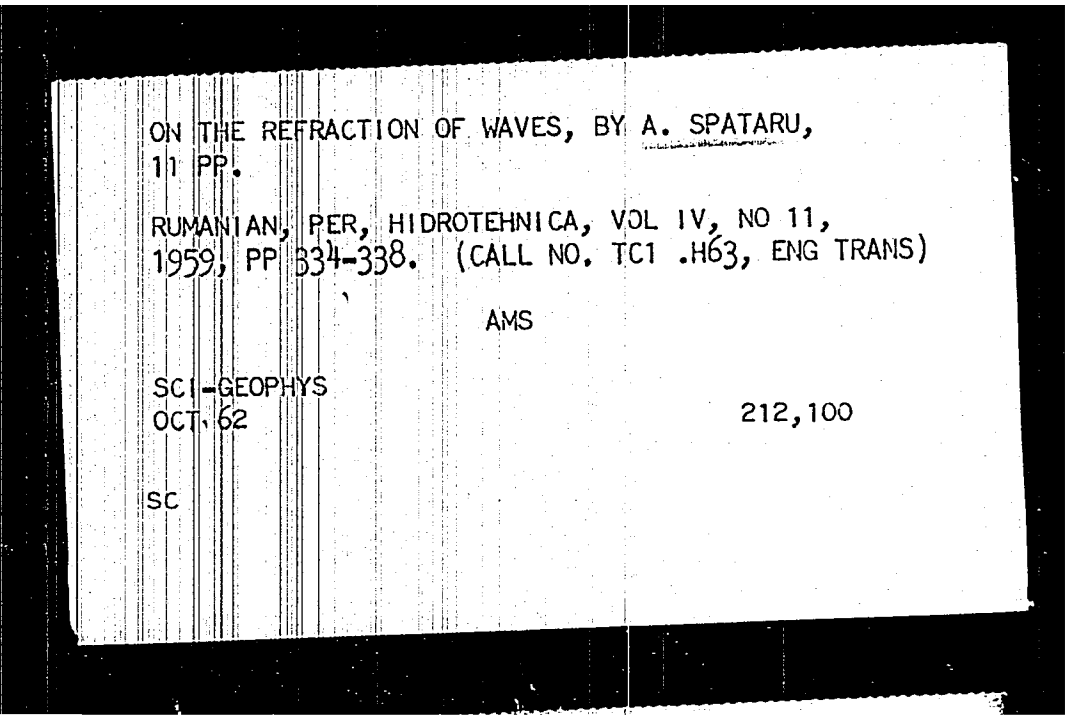

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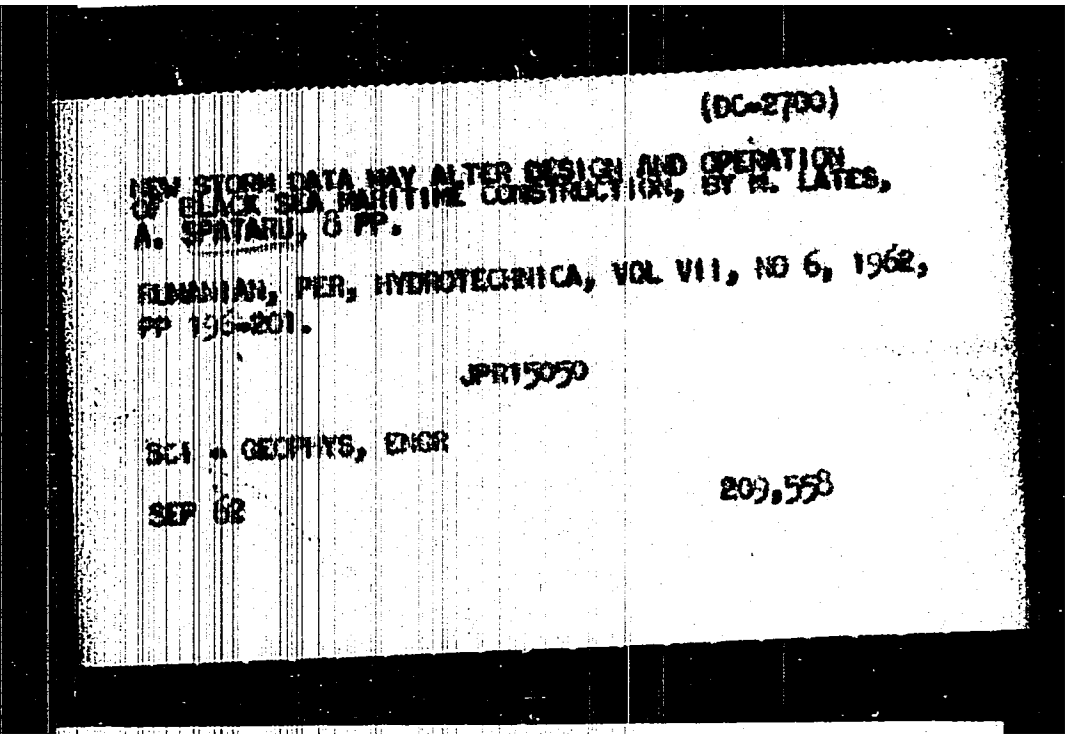

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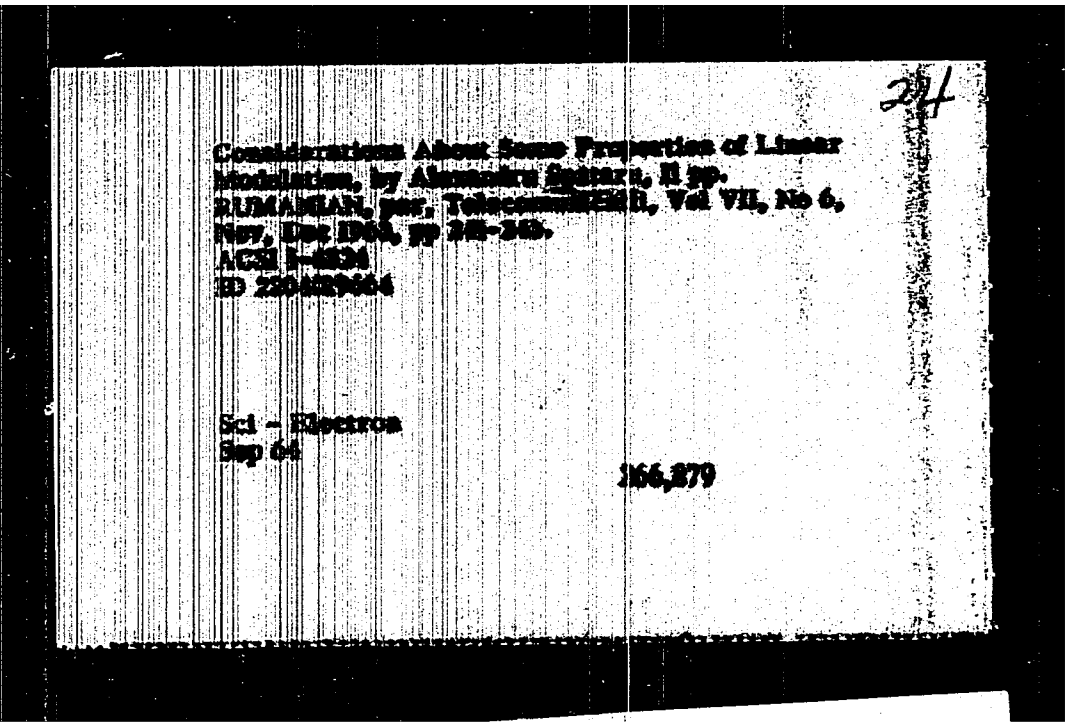

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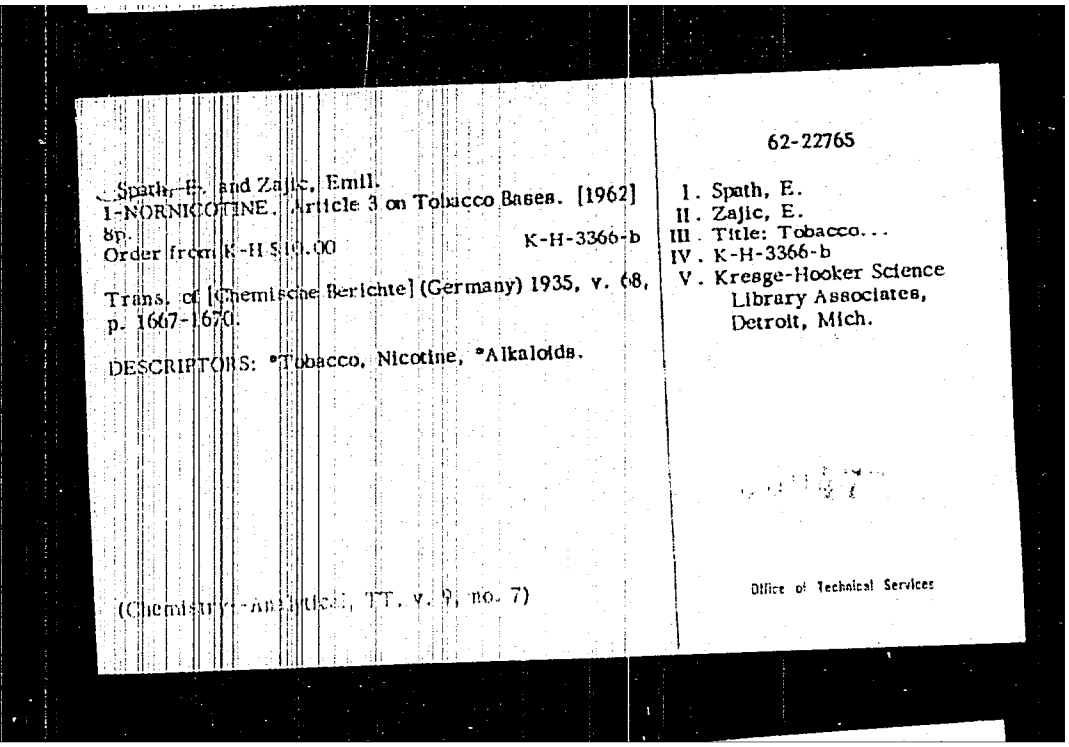

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8p.
Order from K-H $10.00 K-H-3366-b

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DESCRIPTORS: *Tobacco, Nicotine, *Alkaloids.

(Chemistry-Analytical, TT, v. 9, no. 7)

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III. Title: Tobacco...
IV. K-H-3366-b
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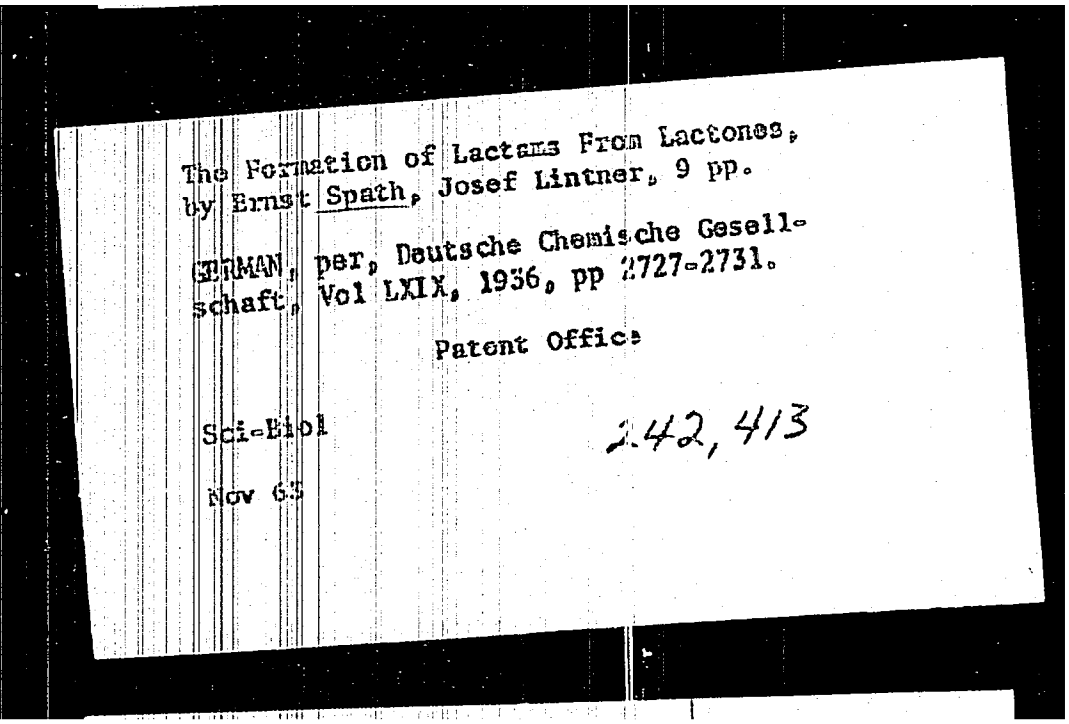

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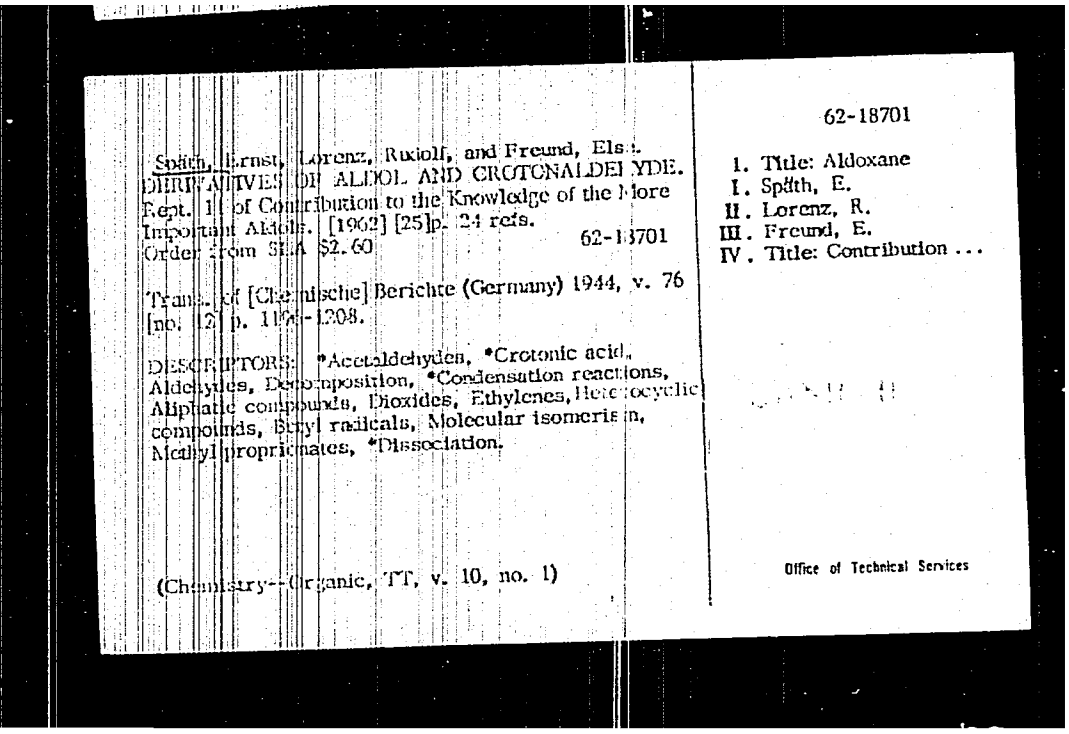

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Order from SLA $2.60 62-18701

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DESCRIPTORS: *Acetaldehyden, *Crotonic acid, Aldehydes, Decomposition, *Condensation reactions, Aliphatic compounds, Dioxides, Ethylenes, Heterocyclic compounds, Ethyl radicals, Molecular isomerism, Methyl propriomates, *Dissociation.

(Chemistry--Organic, TT, v. 10, no. 1)

62-18701

1. Title: Aldoxane
I. Späth, E.
II. Lorenz, R.
III. Freund, E.
IV. Title: Contribution ...

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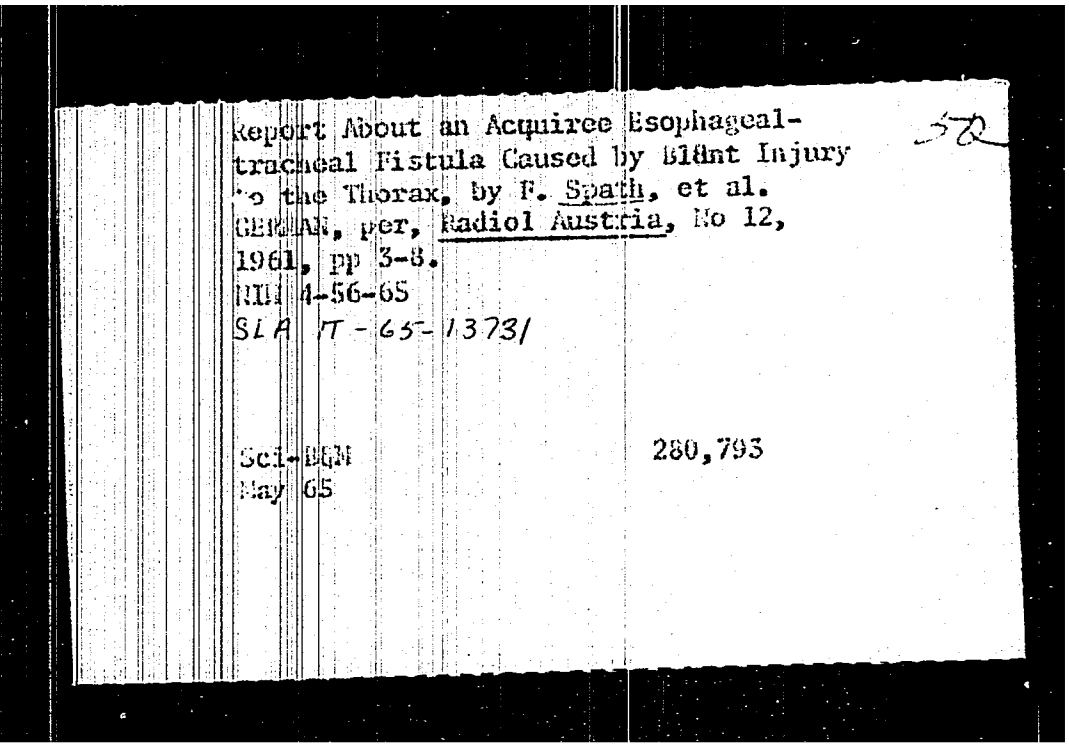

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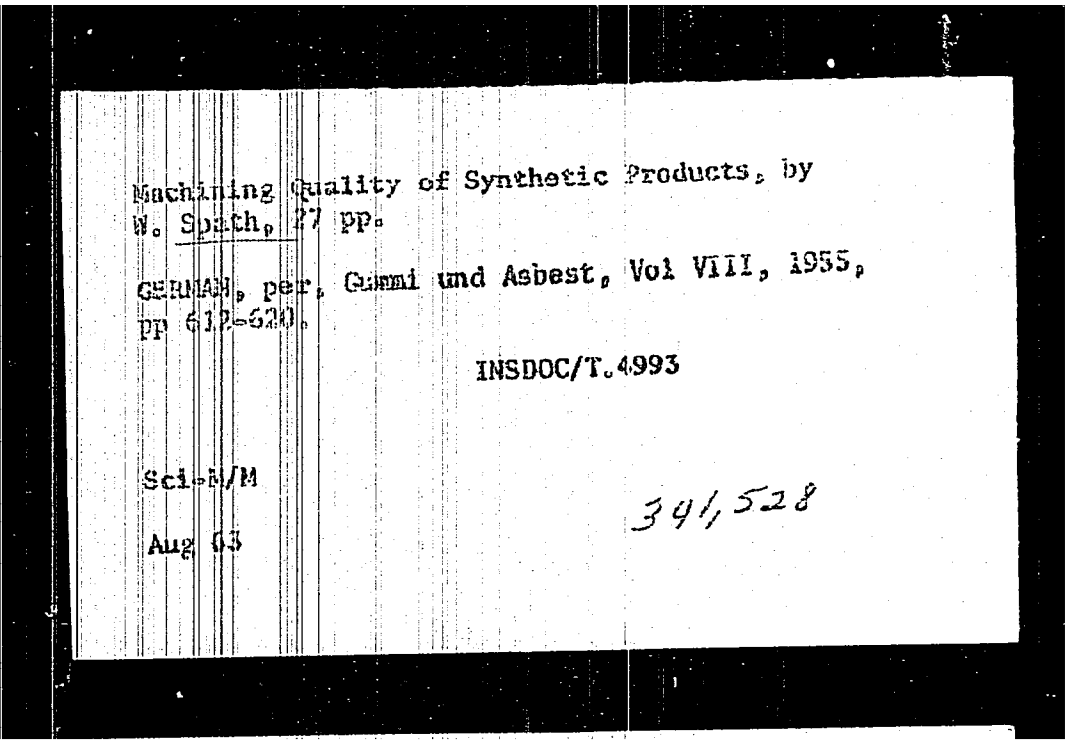

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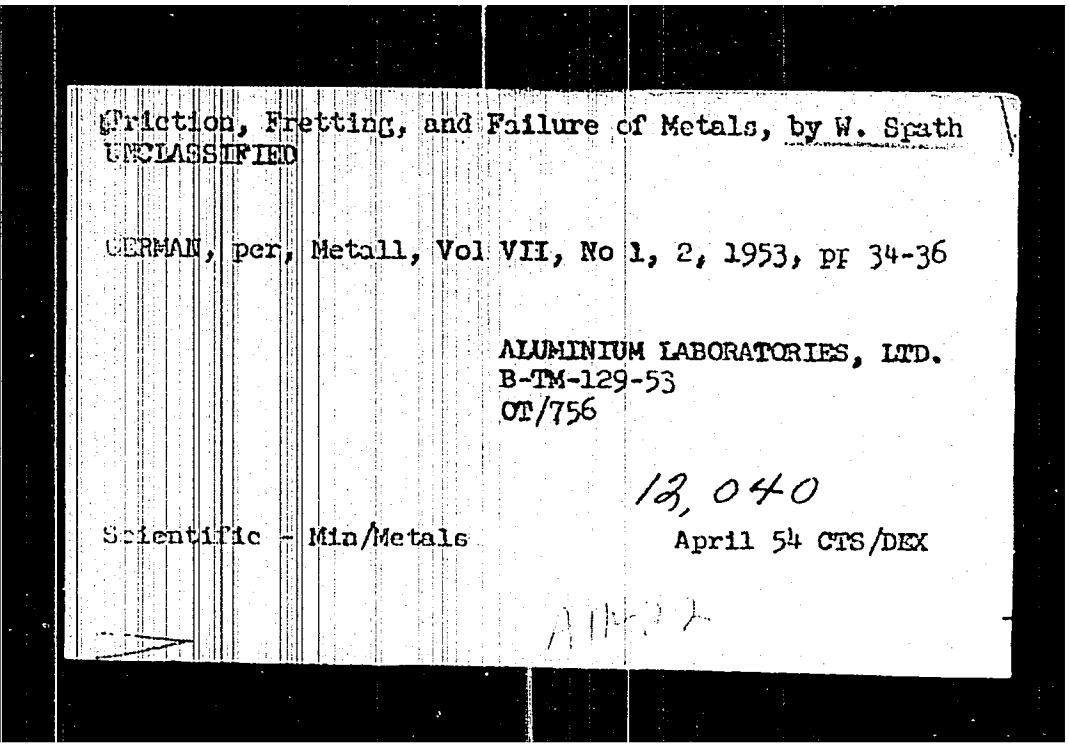

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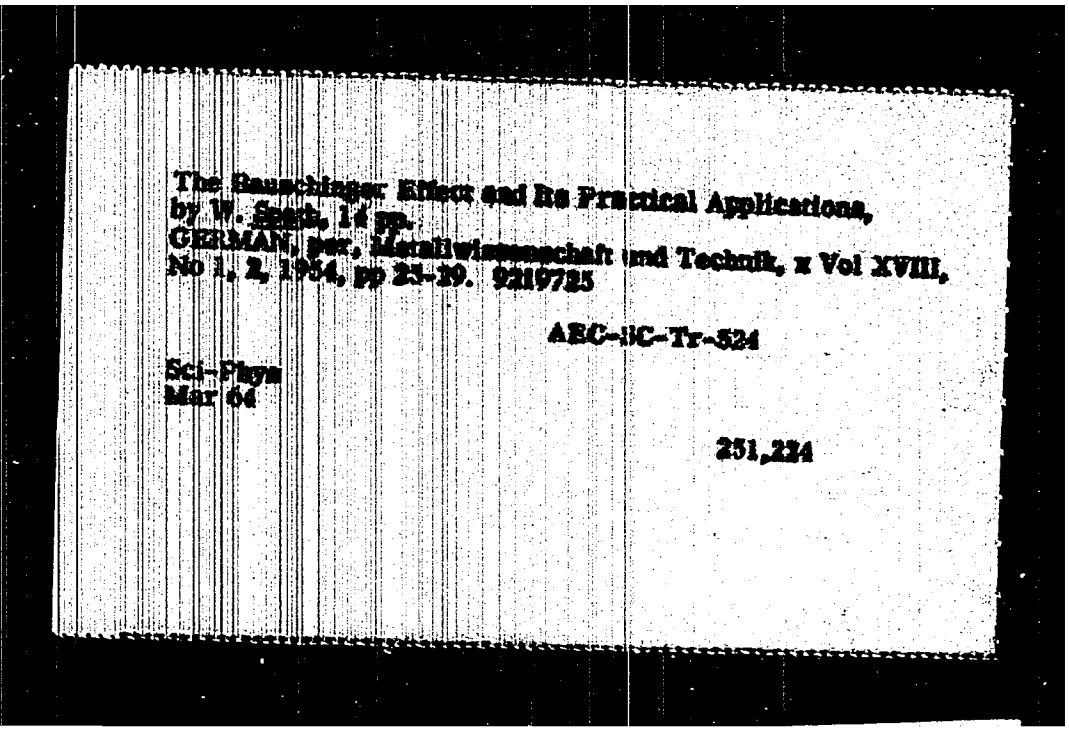

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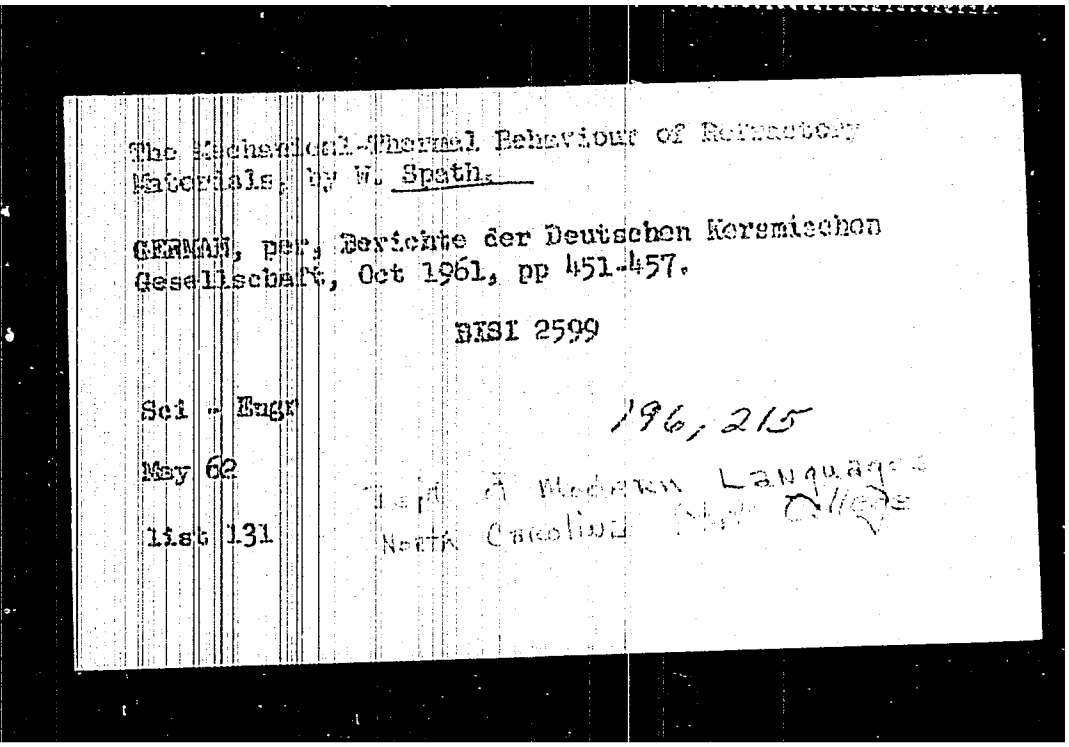

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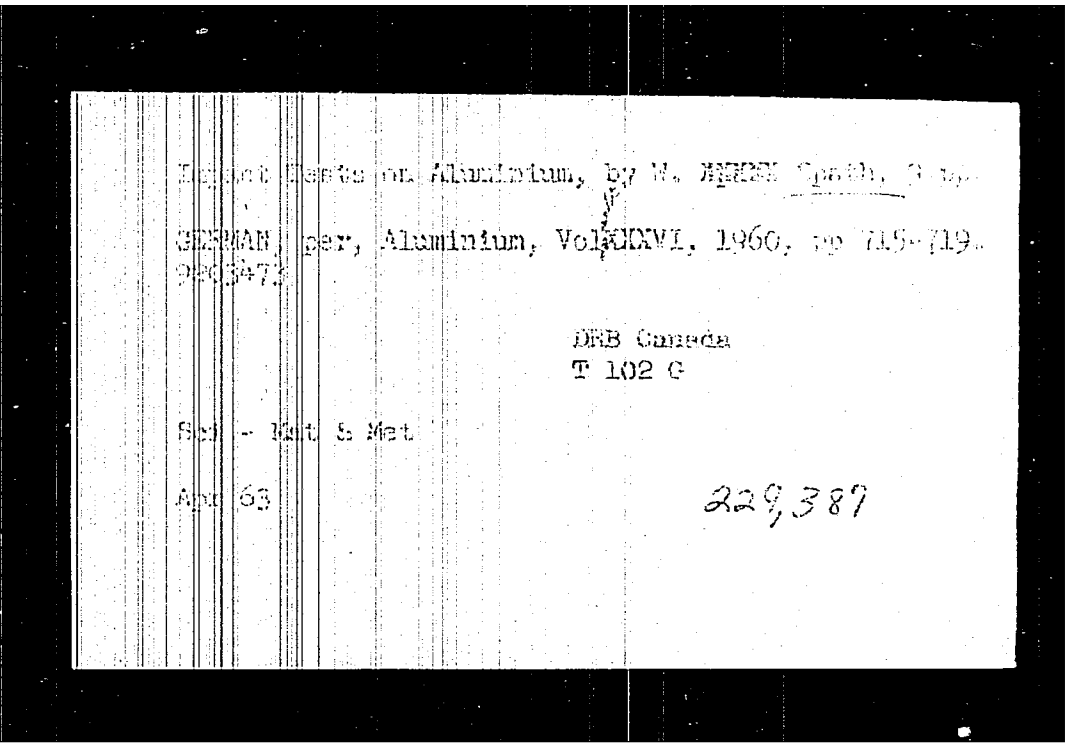

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THE EVALUATION OF ENDURANCE TESTS IN MATERIAL TESTING. [1963] 8p (figs omitted) 4refs
Order from SLA $1.10 TT-63-20516

Trans. of Metall (West Germany) 1950, v. 4, p. 374-377. (Abstract available)

DESCRIPTORS: *Loading (Mechanics), Steel, Lead alloys, Aluminum alloys, Statistical analysis, *Fatigue (Mechanics), Tests.

It is proposed instead plotting the time or the applied load variation numbers in Wöhler diagrams to introduce the reciprocal values, i.e. the speed of destruction. By doing this the limiting case of infinitely long lifetime can be depicted projectively as the vanishing point of the time axis in the finite plane and the desired critical load is found as a clear intercept of a straight line with
(Metallurgy, TT, v. 11, no. 5) (over)

TT-63-20516

I. Späth, W.

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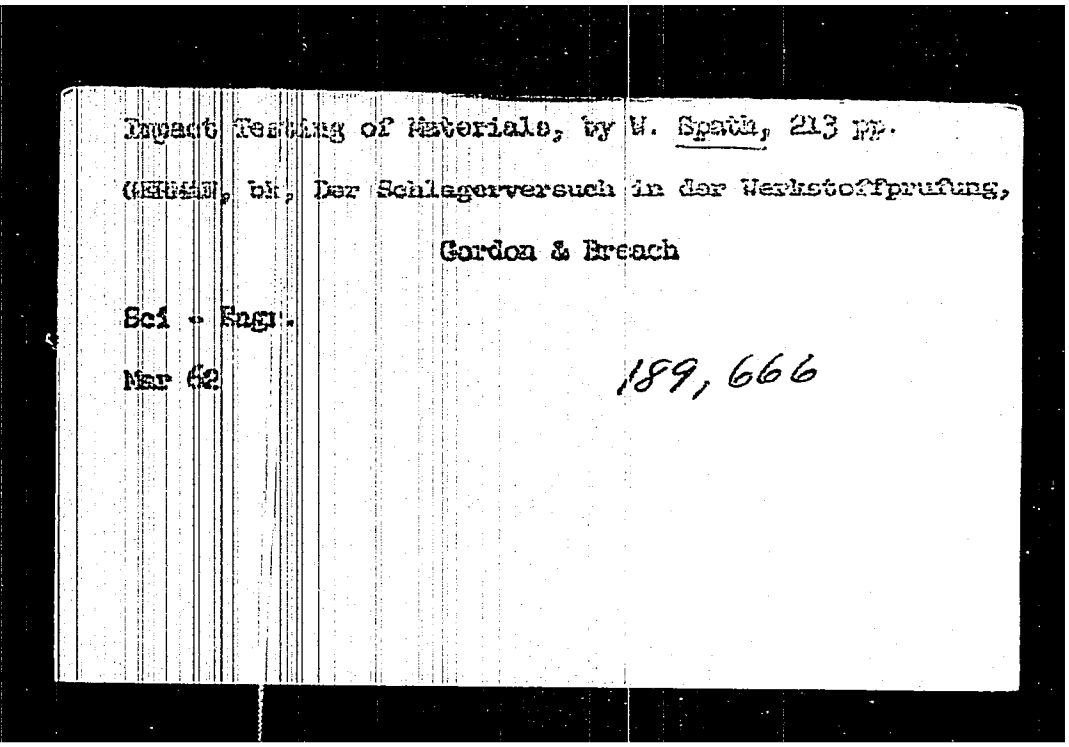

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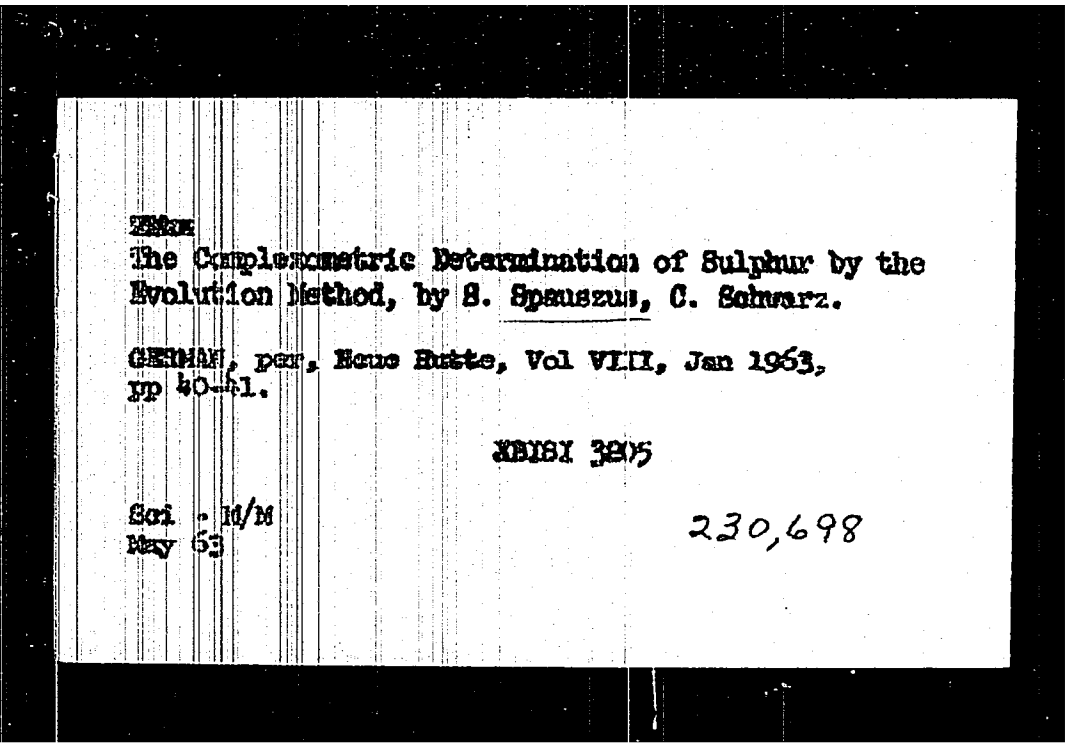

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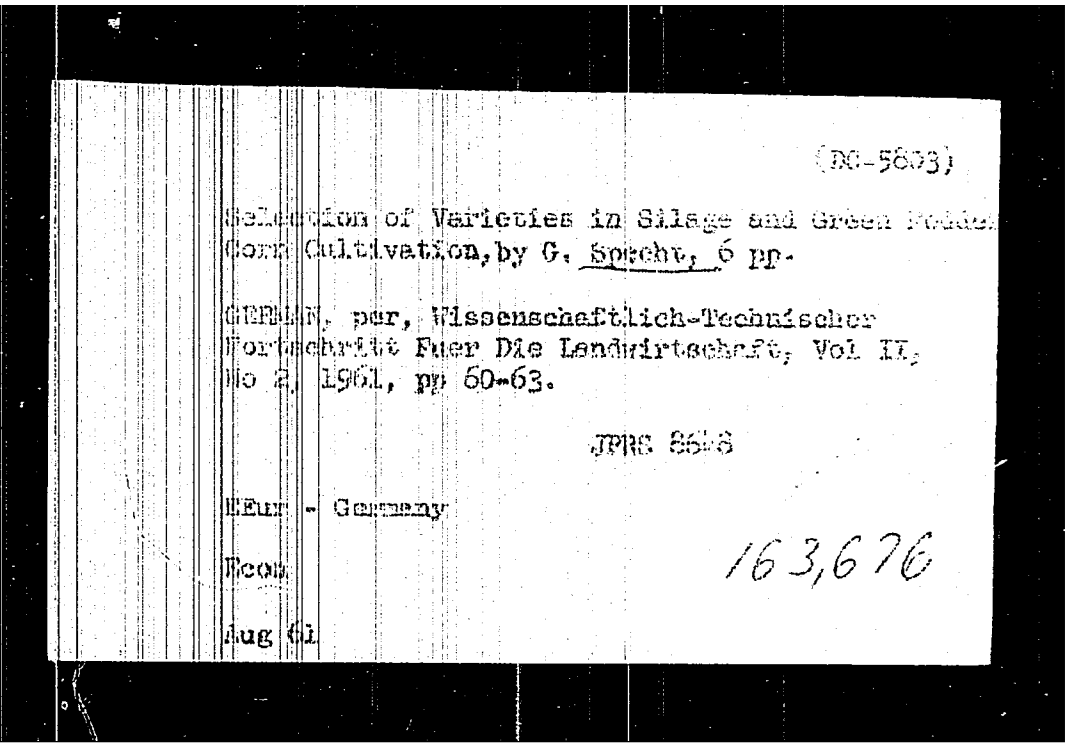

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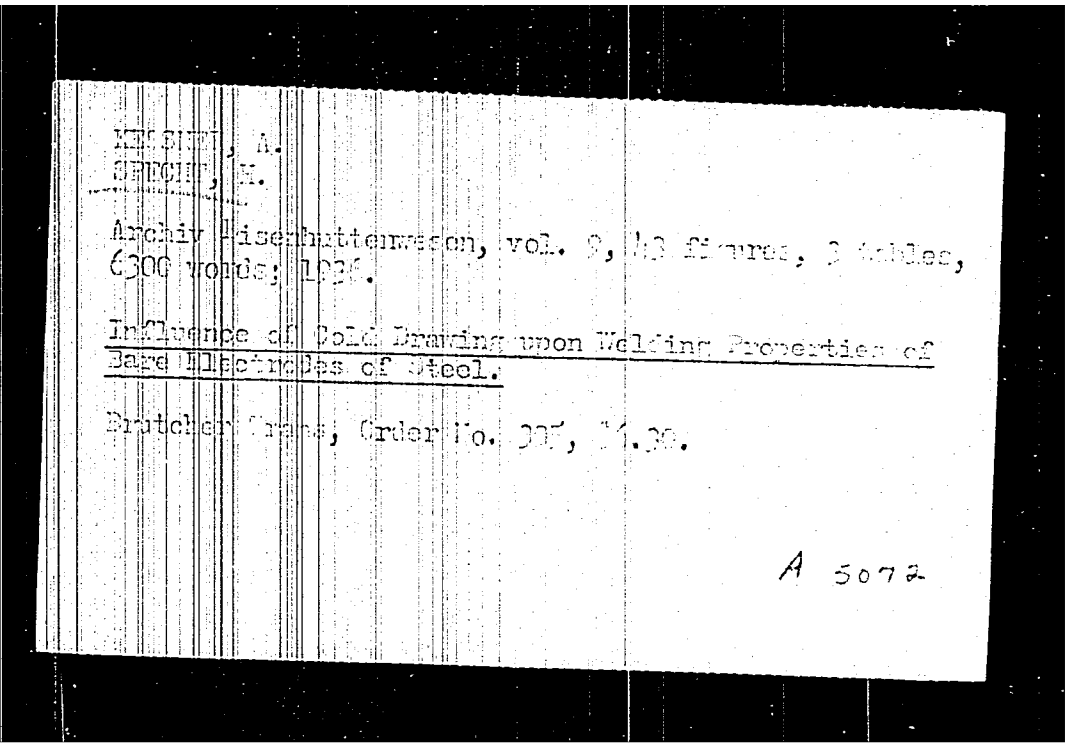

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Vol. 50, No. 36, 1959
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GERMAN, per, Stahl und Eisen, Vol LXXXI, No 22, 1961, pp 1449-1456.

HB 5365

Sci - Min/Met
May 62

196; 299

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Problem of Spontaneous Ignition of Staple Rayon, Investigation of the Causes of Fires in Rayon Dried, by W. Specht.
GERMAN, per, Deutsche Zeitschrift fuer die Gesamte Gerichtliche Medizin, No 36, 1942, pp 80-174
NZDIA

W. Specht

Sci -
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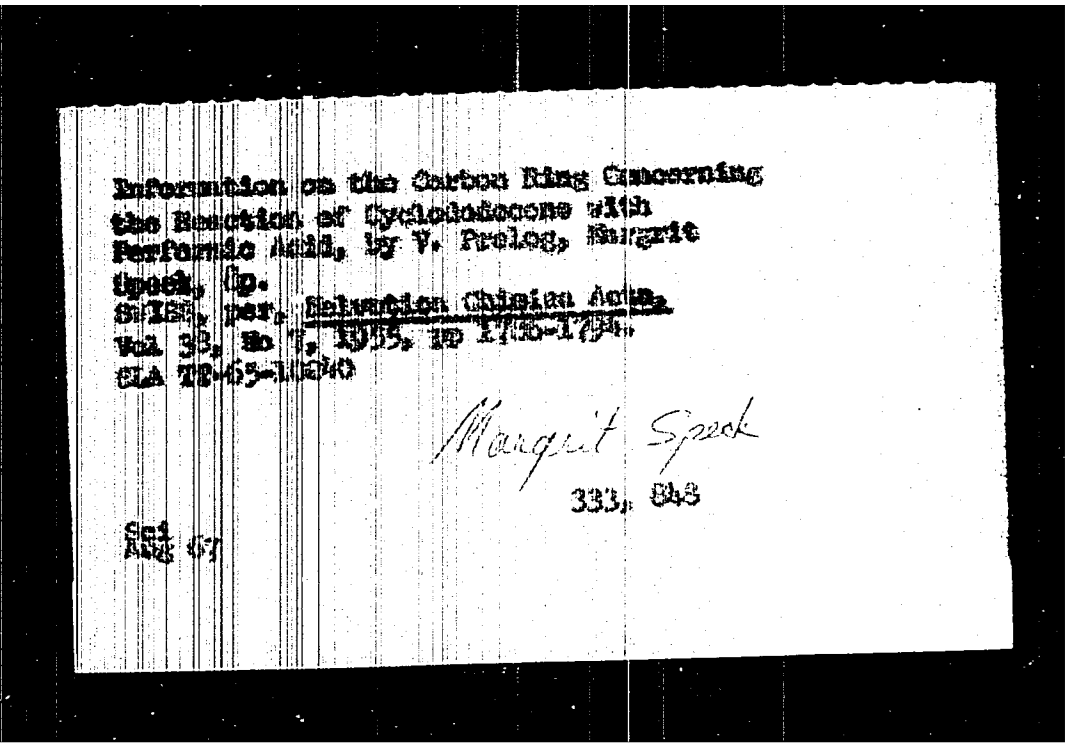
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



Information on the Carbon Ring Concerning
the Reaction of Cyclododecene with
Performic Acid, by V. Prelog, Margrit
Speck, Dp.
Helv. Chim. Acta
Vol 38, No 7, 1955, pp 1776-1794.
CLA TR-65-1240

Margrit Speck

333, 848

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Specker, Ernst.
DUALITY. [1961] 11p. 3 refs.
Order from SLA $1.60 61-20530

Trans. of Dialectica (Switzerland) 1958, v. 12, no. 3/4 p. 451-464.
Another trans. is available from ATS $18.00 as ATS-77N52G [1961] 11p.

DESCRIPTORS: *Scheduling, Theory.

The axiom system of plane projective geometry is dual in the sense that it is transformed into itself by exchange of the notions "point" and "line". It follows that for every theorem the dual sentence is also a theorem. However, from the duality of the axiom system one cannot conclude that in a model the truth of a sentence implies that of the dual sentence; even less can one conclude that each model admits a 1-1 transformation (Mathematics, TT, v. 6, no. 11) (over)

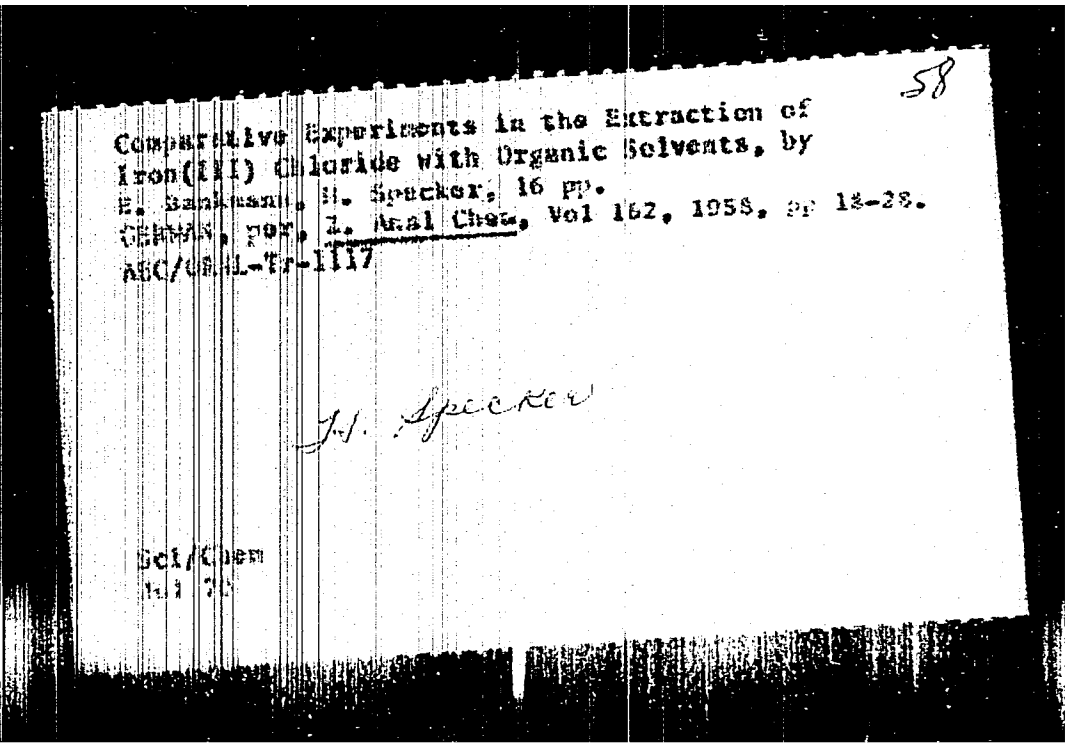
61-20530

I. Specker, E.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



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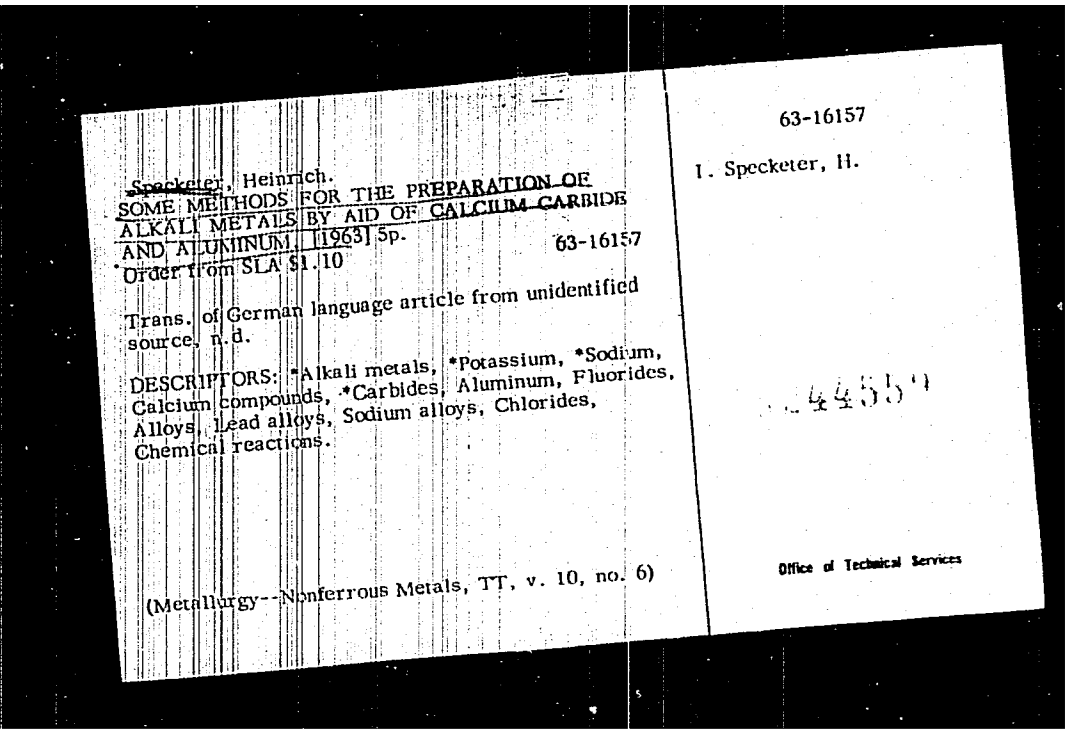
Comparative Experiments in the Extraction of Iron(III) Chloride with Organic Solvents, by E. Sanhmann, H. Specker, 16 pp.
CHEMIE, por. Z. Anal Chem, Vol 162, 1958, pp 18-29.
ASC/CRL-Tr-1117

J. Specker

Sci/Chem

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



Specketer, Heinrich.
SOME METHODS FOR THE PREPARATION OF ALKALI METALS BY AID OF CALCIUM CARBIDE AND ALUMINUM. [1963] 5p.
Order from SLA $1.10

63-16157

Trans. of German language article from unidentified source, n.d.

DESCRIPTORS: *Alkali metals, *Potassium, *Sodium, Calcium compounds, *Carbides, Aluminum, Fluorides, Alloys, Lead alloys, Sodium alloys, Chlorides, Chemical reactions.

(Metallurgy--Nonferrous Metals, TT, v. 10, no. 6)

63-16157

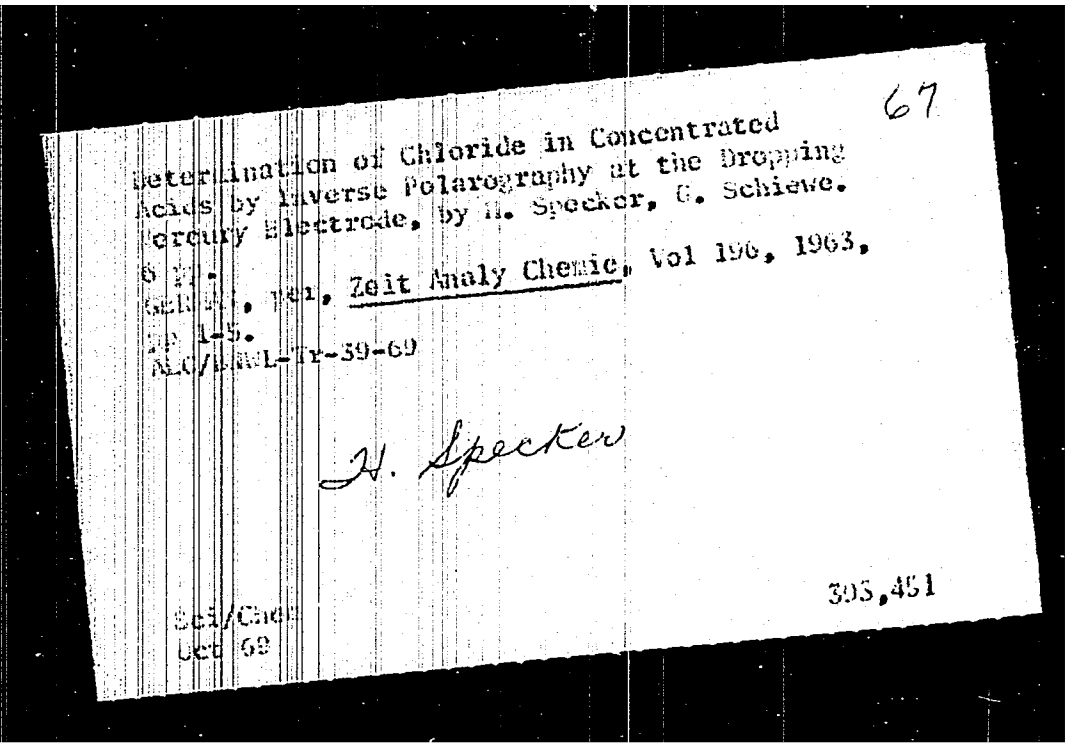
1. Specketer, H.

44511

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



67

Determination of Chloride in Concentrated
Acids by Inverse Polarography at the Dropping
Mercury Electrode, by H. Specker, G. Schiewe.

6 p.
Ger Pub, Zeit Analy Chemie, Vol 196, 1963,
pp 1-5.
ALC/AML-Tr-39-69

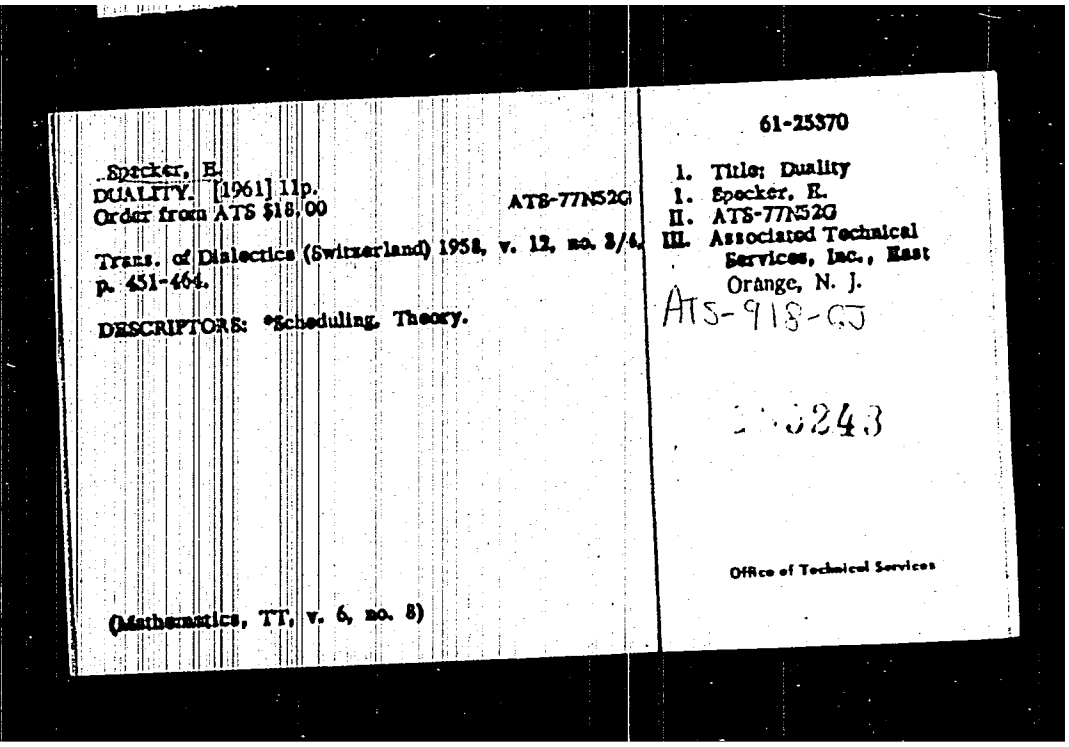
H. Specker

305,451

Sci/Chem
Oct 69

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



Specker, E.
DUALITY. [1961] 11p.
Order from ATS $18.00 ATS-77N52G

Trans. of Dialectica (Switzerland) 1958, v. 12, no. 3/4, p. 451-464.

DESCRIPTORS: *Scheduling, Theory.

(Mathematics, TT, v. 6, no. 8)

61-25370

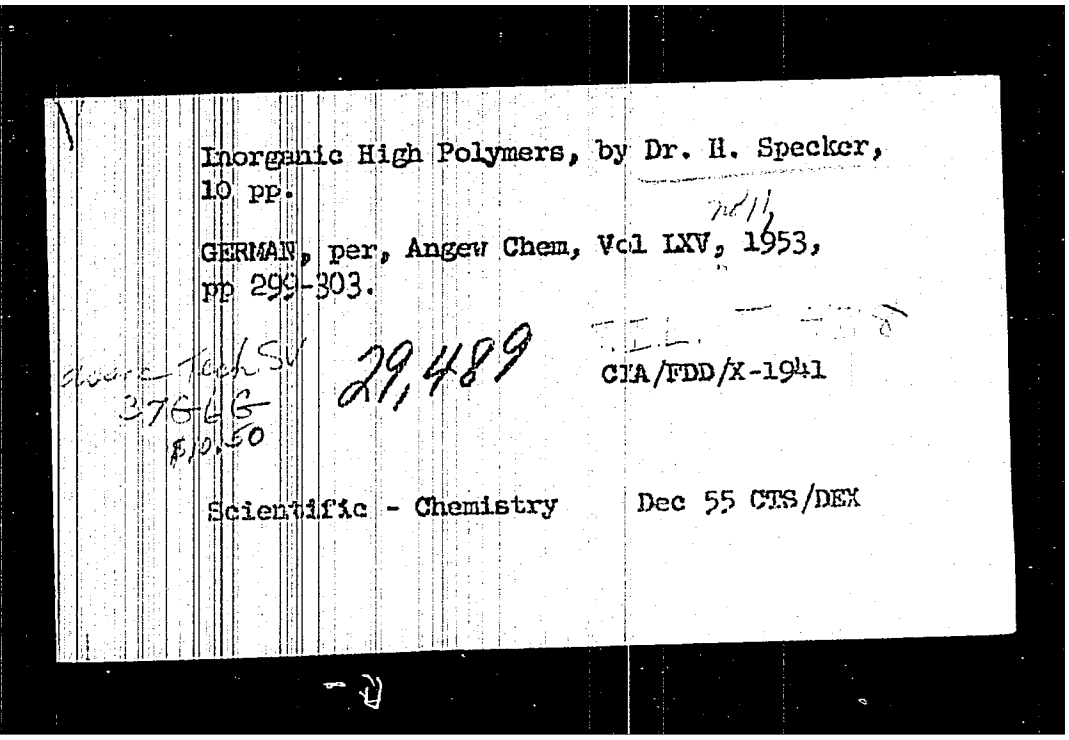
1. Title: Duality
I. Specker, E.
II. ATS-77N52G
III. Associated Technical Services, Inc., East Orange, N. J.

ATS-918-GJ

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



Inorganic High Polymers, by Dr. H. Specker,
10 pp.

GERMAN, per, Angew Chem, Vol LXV, 1953,
pp 299-303.

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CIA/FDD/X-1941

Scientific - Chemistry Dec 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Problems and Method of Trace Enrichment, by H. Specker, H. Hartkamp, 15 pp.

GERMAN, per, Angewandte Chemie, Vol LXVII, No 6, 1955, pp 173-178.

A.E.R.E. Harwell Lib Tr 690

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Specker, H. and Trub, H.
DETERMINATION OF TRACES OF LEAD IN CONCENTRATED PHOSPHORIC ACID BY ANODIC AMALGAM VOLTAMMETRY. [1963] 6p (refs. omitted)
Order from SLA $1.10 63-18151

Trans. of Zeitschrift für Anal[ytische] Chem[ie] (West Germany) 1962, v. 186 [no. 1] p. 123-127.

DESCRIPTORS: *Lead, Microanalysis, *Phosphoric acid, Anodes, Mercury alloys, Voltmeters, Pyridines.

By means of anodic amalgam voltammetry it is possible to determine very small traces of lead and other heavy metals in concentrated phosphoric acid, (sp. gr. 1.7). The only reagent added is pyridine. Thus the danger of introducing impurities is very small in contract to existing methods. The time required for a single determination is 15 min. The variance for 1 ppm. lead from 11 determinations was 3.8%. (Author)

63-18151

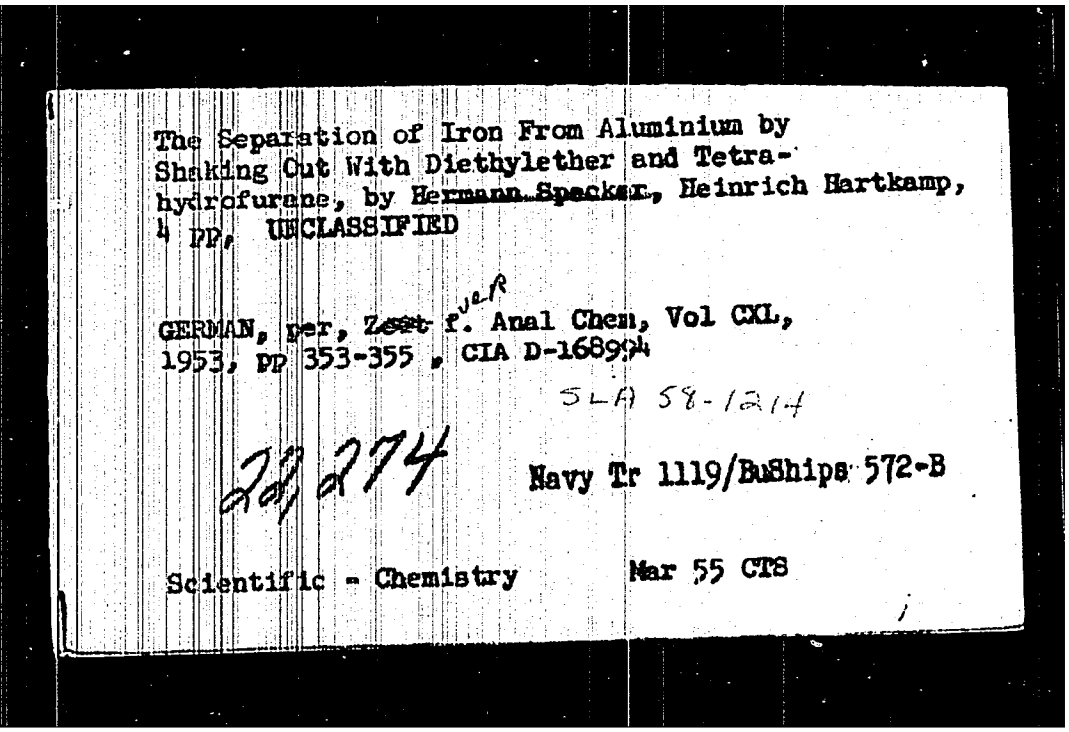
I. Specker, H.
II. Trub, H.

(Chemistry--Analytical, TT, v. 10, no. 12)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6



The Separation of Iron From Aluminium by Shaking Out With Diethylether and Tetra-hydrofurane, by Hermann Specker, Heinrich Hartkamp, 4 pp, UNCLASSIFIED

GERMAN, per, Zeit f. Anal Chem, Vol CXL, 1953, pp 353-355, CIA D-16892

SLA 58-1214

24,274

Navy Tr 1119/BuShips 572-B

Scientific - Chemistry

Mar 55 CTS

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

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Serpasil in Medicamentous Therapy of Hypertension,
by I. Speckmann, 13 pp.

GERMAN, per, Therap Gegenwart, Vol XLIV, 1955,
pp 44-49.

SLA Tr 2121

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Spector, Marshall L. and Heinemann, Heins.
REMOVAL OF ACETYLENE AND METHYLACETYLENE FROM OLEFINES WITH THE AID OF CUPROUS/CUPRIC-SALT SOLUTIONS. [1963] 8p. [figs. omitted] 4 refs.
Order from SLA $1.10 63-16974

Trans. of Erdöl und Kohle-Erdgas-Petrochemie (West Germany) 1961, v. 14 [no. 11] p. 915-917.

DESCRIPTORS: *Alkenes, *Acetylenes, *Propynes, Separation, Catalysts, *Copper catalysts, Copper compounds, Chlorides, Hydrochloric acid.

A new process was developed for the removal of acetylene and/or mono-substituted acetylenes from olefine streams which on continuous operation diminishes the contents of these components to less than 5 ppm. The acetylene containing gas is passed through an aqueous
(Chemistry--Organic, TT. v. 10, no. 7) (over)

63-16974

I. Spector, M. L.
II. Heinemann, H.

1247250

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

57

Device for Investigations by the Nuclear Magnetic Resonance or Electron Paramagnetic Resonance Methods, by S. A. Spektor, RUSSIAN, Patent No 179,375.
*FTD-HT-67-108

S A Spektor

Sci-Electr & Elect Engr
Feb 67

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Chemistry and Petroleum Conversion (The Problem of the Intensification of Petroleum Fractionation and of Raising the % Labor Efficiency in Refineries, by R. D. Izmailov, Sh. Sh. Spector, 5 pp.

RUSSIAN, per, Az Neft Mncz, No 1, 1956. Encl to IR-1499-56, AFOIN-3A1. CIA D527577

AP 1010018 39,525

Sci - Chemistry;
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

The Dye Method of Deterimining the Isoelectric Point and the Possibility of Diagnosing the Vernalization Stage by the I. E. P. Shift, by K S Spectorov, 6 pp.

RUSSIAN, bimo per, Fiz Rasteniy, Vol IV, No 2, 1957, pp ~~EEEE~~ 209-214.

Amer Inst of Biol Sci

Sci - Biology
Jan 58

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

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The Influence of Spectroscopic Carbons on Problems of Spectroscopic Analysis, by H. Rumbach.

ITALIAN, per, La Metallurgia Italia, Vol LII, Jun 1960, pp 280-288.

BISI 2062

Scl - Chem

Jul 61

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Top Blowing High-Phosphorus Iron With Oxygen. A New Simplified Technique, by K. G. Speith, H. vom Ende, F. Bardenheuer.

GERMAN, per, Stahl und Eisen, 26 May 1960, pp 735, 736.

BICTR

Sci - Engr

Dec 60

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Processing of Irradiated Uranium by Sublimation of the Chlorides, by Ph. Speeckaert. 18 pp

Lanugage unknown, source unknown

Available from CIA Library 9076159

May 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

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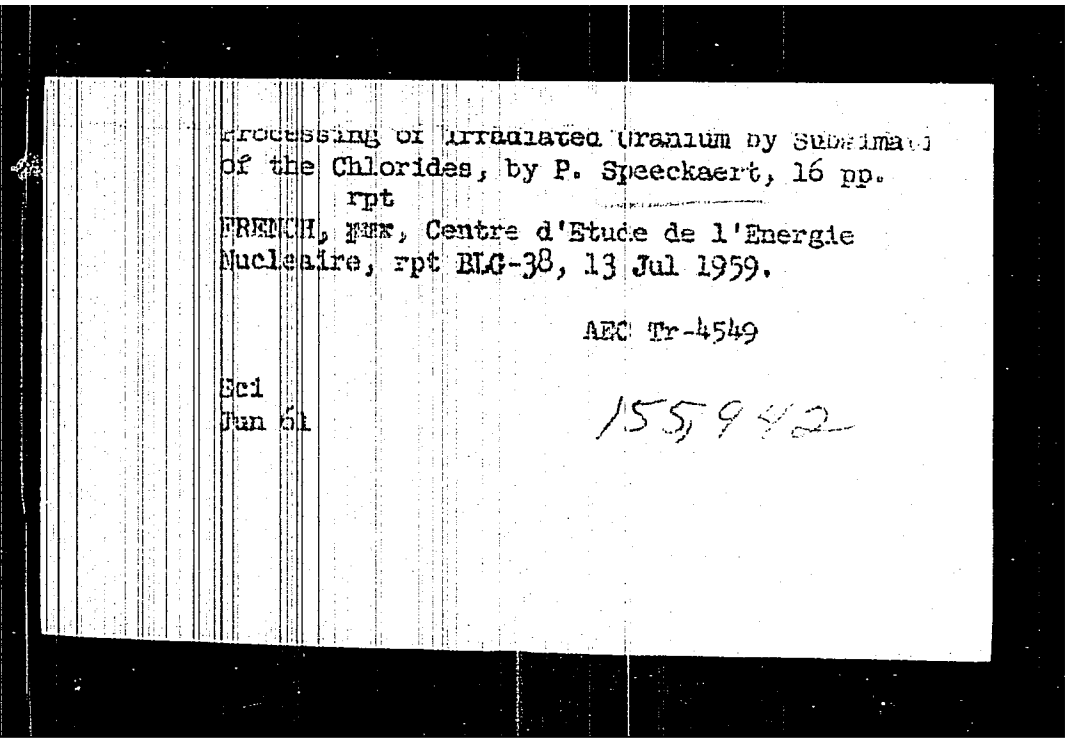

Processing of Irradiated Uranium by Sublimation of the Chlorides, by P. Speeckaert, 16 pp. rpt

FRENCH, Fr, Centre d'Etude de l'Energie Nucleaire, rpt BLG-38, 13 Jul 1959.

AEC Tr-4549

Sci
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

Processing of Irradiated Uranium by Sublimation of the Chlorides, by Ph. Speeckaert,

FRENCH, rpt, Centre d'Etude de l'Energie Nucleaire, 1 Sep 1960.

AEC Tr-4553

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Jun 61

155,937

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201300079-6

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Calculation of Economic Pump Pressure for Hot Water District Heating Mains, by P. Speh.
GERMAN, per. Heiz Luft Haustech, Vol 16, No 11, 1964, pp 4-8 91
GB 278/84- 25s

P. Speh

Sci -
Aug 67

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